

SHIP: USS LASALLE (AGF-3)

ITEM NO: 634-01-006

COAR: 16-537

PCN: FL03-0301

CMP: NONE

SURVEYOR: ROBERSON

1. SCOPE:

1.1 Title: Cosmetic Polymeric Deck Covering; install

1.2 Location of Work:

1.2.1 Staff Crew Living Space (4-120-1-L)

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

a. Standard Items

b. Systems and Specifications, Steel Structures Painting Manual, Vol. 2

c. S9086-VG-STM-010/CH-634, Deck Coverings

d. 803-1385789, Fittings Deck Drains

3. REQUIREMENTS:

3.1 Submit four legible copies of manufacturer's instructions and technical data sheets for the NAVSEA approved cosmetic polymeric deck covering system specified by this work item to the SUPERVISOR a minimum of 48 hours prior to removal of the deck covering system.

3.2 Remove the existing deck covering system including underlayment and coving from each space listed in 1.2.

3.2.1 Remove existing deck drain strainer plates and install protective covers in each deck drain opening during deck covering replacement.

3.2.1.1 Remove protective covers upon completion.

3.3 Visually inspect the surfaces exposed by removals for damaged and deteriorated conditions.

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3.3.1 Submit four legible copies of a report listing results of the requirements of 3.3 to the SUPERVISOR within 24 hours after the inspections have been completed.

3.4 Remove existing and install new CRES rings, Class 304/310, .125 inch thick around each deck drain in way of deck renewal to suit height of new deck covering in each space listed in 1.2.

3.4.1 Install each new ring 1/8 to 1/4 inch from existing strainer plate.

3.4.2 Seal each new deck ring to the deck using an epoxy or polysulfide adhesive.

(V) (G) "SURFACE PREPARATION INSPECTION"

3.5 Power tool clean to bare metal each deck surface including 6 inches up each boundary bulkhead, pipe, metal support, bracket and foundation in each space listed in 1.2. Accomplish the requirements of Surface Preparation Specification SSPC-SP-11 of 2.b.

3.5.1 Clean up to each obstruction only in each space where hull insulation or sheathing extends below the 6 inch limit.

(V) (G) "VERIFY PRIMER COAT DFT"

3.6 Apply primer coat in accordance with Paragraph 634-3.10.2.2 of 2.c.

3.7 Install underlayment in accordance with Paragraph 634-3.10.4.1 of 2.c and conforming to MIL-D-3135 Type I, Class 2, at a minimum thickness of 3/16 of an inch to produce a flat, even surface sloping toward each deck drain in each space listed in 1.2.

3.7.1 Lay underlayment in excess of 1/2 inch thickness in increments not exceeding 1/4 inch.

3.8 Install cosmetic polymeric deck covering system in accordance with Paragraph 634-3.10.4 of 2.c and conforming to MIL-D-24613 Type I, Class 2, or Type II, Class 2, to produce a flat even surface sloping toward each deck drain in each space listed in 1.2.

3.8.1 Install a 4 inch coving in wet spaces with the bottom edge against each prepared deck surface.

3.8.1.1 Do not eliminate color chips in coving.

(V) (G) "INSPECT DECK COVERING INSTALLATION"

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3.8.2 Inspect and ensure each surface is nonporous, smooth, and free of pits, spalling and crevices prior to application of sealer.

3.8.3 Care must be taken to uniformly broadcast color flakes over the surface.

3.9 Seal each new cosmetic polymeric deck covering in accordance with manufacturer's instructions, using Paragraph 634-3.10.4.2 of 2.c for guidance.

(V) (G) "FREE FLOW TEST"

3.10 Mechanically clean each deck drain from point of entry in each space listed in 1.2 to each terminating point free of foreign matter which could affect performance or damage system components.

3.10.1 Isolate each component that may be damaged by cleaning.

3.10.2 Flush each drain after cleaning with clean, fresh water, until free of debris. Test to ensure drains flow free.

3.10.3 Install each deck drain strainer plate removed in 3.2.1.

3.10.3.1 Install new two each deck drain strainer plates with new CRES fasteners using 2.d for guidance.

3.10.3.2 Retap each hole for each new fastener.

(V) (G) "POSITIVE DRAINAGE"

3.11 Verify that the new deck covering slopes to the drains.

3.11.1 Apply a sufficient amount of clean, fresh water throughout compartment deck surfaces to verify that new deck covering slopes to drains and water does not stand or puddles on deck. Water shall flow to drains when applied to deck surfaces.

3.12 Accomplish the requirements of 009-32 of 2.a, including Table 3, Lines 9 or 10 for each surface cleaned in 3.5 extending above the deck covering to match the surrounding area.

4. NOTES:

4.1 None.

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5. GOVERNMENT FURNISHED MATERIAL (GFM):

	<u>QTY</u>	<u>UI</u>	<u>NAME OF PART/ DESCRIPTION</u>	<u>PIECE NO.</u>	<u>REF. NO.</u>	<u>NATIONAL STOCK NO.</u>	<u>PARA NO.</u>
5.1	PUSH MATERIAL:						
1.	None.						
5.2	KITTED MATERIAL:						
1.	None.						
5.3	LLTM:						
1.	400	SF	Polyurethane Color Flake Deck System MIL-D-24613, Type II, Class II, Light Gray with Blue & White Chips CF-100,(Complete lot of all materials to cover 400 SQ FT. excluding sealer)	--	--	-----	3.8
2.	400	SF	Underlay, MIL-D-3135 Type I, Class 2 (Coverage of 400 SQ FT Req'd 1/2" Thick)	--	--	-----	3.7
3.	2	KT	Paint, F-150	--	--	8010004376757	3.6
4.	1200	SF	Sealer SC-100 (Coverage of 400 SQ FT 3 Times)	--	--	-----	3.9